

Method Of Making A Stone Veneer

Abstract

An artificial stone veneer product has a thin substrate covered by a stone veneer having a pitted, uneven surface having an appearance similar to travertine. To make the product, layers of polymer resin and particulate matter are applied to a substrate. A thin layer of polymer resin is first applied to the substrate, followed by a layer of fine particulate matter that at least partially settles into the resin, and the resin is allowed to set partially. Another layer of polymer resin is applied to the underlying layers in a nonuniform manner over the underlying layers, resulting in a moderately porous layer having randomly located voids of varying size and shape. A final layer of particulate matter is then applied over the polymer layer, and the resin is allowed to set completely. In an optional step, the surface of the final product is finished to smooth it, during which some of the larger particulate matter is dislodged and removed, enhancing the uneven rough appearance of the veneer.